

United States Embassy Abuja Nigeria

Statement of Work (SOW)

YORK YR CHILLER CHECKS AND LEAK REPAIR

(Model #: YR TC TB T1 55 5A)

I GENERAL INFORMATION

The United States Embassy Abuja Nigeria requests the service of a reputable York Chiller repairs and maintenance Contractor to carry out a comprehensive survey inspection/tests on a York air-cooled Chiller awaiting tie-in to an existing chilled water circuit and carry out repairs on identified refrigerant leak on another York YR water-cooled chiller both located at the United States Embassy Compound, Plot 1075, Diplomatic drive, CBD, Abuja.

II GENERAL REQUIREMENTS

The contractor will be responsible for labor and tools required to carry out all works, unless otherwise stated and directed by the COR.

Contractor is to ensure that all Covid-19 safety protocols are observed before and during the execution of the contract.

The contractor is to prepare and submit quote formulated from this Statement of work and inspection of the York Chiller.

The contractor is responsible for verifying all parameters in relation to spare parts/materials required to complete this job.

The contractor is to provide sample and Product Data of spare parts/material for compliance approval prior to the procurement of such material as part of the submittal requirement.

The contractor is to provide detail work schedule in an excel spreadsheet or similar presentation prior to commencement of work.

The contractor shall be responsible for repair or cost of repair of any damage to the building, aboveground, underground utilities and structures during the period of the contract execution.

The contractor must abide by United States Occupational Safety and Health Administration (OSHA) laws and regulations and Local safety requirements and standards, whichever is

more stringent during the project. The U.S Government is not liable for injuries or provision of required safety equipment and will not hesitate to stop project work in an event a deficiency in compliance with relevant safety standards is observed. The Contractors personnel must wear PPE (personal protective equipment).

The contractor must ensure that all materials to be used are in conformance to the materials presented in the approved bill of quantities unless prior approved by the COR or his designate.

Contractor shall be responsible for informing the contracting officer/authorized representative of critical inspection points designed by the COR.

The Contractor shall be responsible for marking off a safe working area at each station during the project.

The Contractor must submit names of personnel working on the contract in advance for clearance. The Contractor's personnel must be escorted at all times.

Work hours for this project will be typical U.S Embassy hours of 0730hrs to 1630hrs Mondays to Thursdays and 0730hrs to 1330hrs on Fridays. Overtime work as may be needed will need to be pre-approved and must be requested for at minimum 48hrs notice from the contractor. USG will not be responsible for any down times or effects to the project schedule as may arise due to contractor's noncompliance with this notification requirement.

The job site shall be kept in a neat, clean, and orderly condition at all times during the installation process. All scrap and excess materials are to be regularly removed from the site and not buried in trenches. The disposal means should be properly coordinated with the COR.

The Contractor is to provide a service warranty of 3 months on the completed job.

III SCOPE OF WORK FOR

A. YORK WATER-COOLED CHILLER:

1. At the minimum, the contractor is to ensure that the following are achieved.
2. Contractor is test/operate the chiller and reconfirm refrigerant leaks on it in addition to checking all other operational conditions.
3. Contractor is pressure test and recover as much refrigerant available in the System using Government furnished recovery machine.
4. Contractor is to decommission the chiller and ensure that the supply valves are closed, and the circuit breakers are properly locked out and tagged out.

5. Contractor is to check the chiller for failed parts and carry out repairs based on agreed identified failure on the compressor.
6. Contractor is to safely carry out refrigerant leak repair on the York Chiller Compressor with Government supplied materials and spare parts.
7. After the repairs, contractor is to carry out a thorough check, recharge and start up the chiller.
8. Contractor is to do a recommissioning test and checks to ensure all operating parameters are within Manufacturer's recommended limits and present a written report to the COR.
9. Contractor is expected to demobilize his workers, tools, and equipment out of USG Compound area at the completion of the project.

YORK AIR COOLED CHILLER

10. Contractor is to first carry out a physical inspection of the existing York Air-cooled Chiller including tests and make a confirmation of its functionality status.
11. Contractor is to verify materials and parts required to hook up the York chiller to existing chilled water lines and also the power supply requirement.
12. Contractor is to put together and present to the COR a detailed report of the survey for Electrical and Mechanical requirements.
13. Expected duration of this work is 4 weeks.

END OF SCOPE OF WORK